L. BLUST.

CHURN.

No. 181,400. Patented Aug. 22, 1876.

Fig. 1

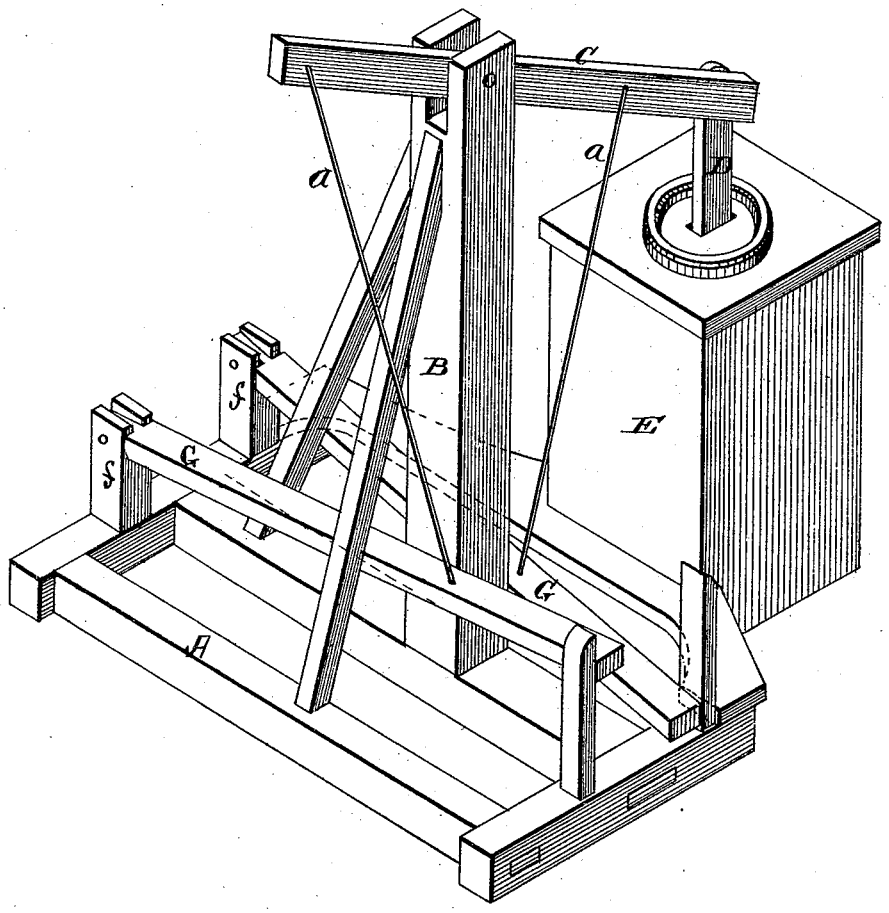
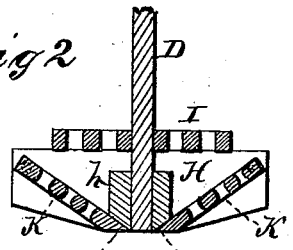


Fig 2



WITNESSES

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LAWRENCE BLUST, OF NEW ALBANY, INDIANA.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. **181,400**, dated August 22, 1876; application filed July 12, 1876.

To all whom it may concern:

Be it known that I, LAWRENCE BLUST, of New Albany, in the county of Floyd and in the State of Indiana, have invented certain new and useful Improvements in Churns; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a churn, as hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to more fully describe it, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents the churn-box, and the frame-work adjoining the same, showing the dasher-operating devices. Fig. 2 represents a section taken through the center of the churn-dasher.

A represents a frame-work composed of three or more beams connected by cross-bars at the ends. Upon this frame is erected a central vertical standard, B, suitably braced, as shown. In a mortise on the top of the standard is pivoted a horizontal rocking beam, C. Two short uprights, *f f*, erected on one end of the bed frame-work A, have slots in their upper ends, into which are pivoted long horizontal levers G G, extending to the opposite end of the frame. Each lever or treadle G is connected, by a rod or cord, *a a*, to the rocking-beam C, as shown. The churn-box E is arranged adjacent to the frame-work, and the dasher-shaft D is pivoted to one end of the rocking beam C. By alternately working the levers or treadles up and down, the rocking beam causes the up-and-down movement of the dasher-shaft and its dasher.

The dasher is constructed of two side bars, H, connected to a central bar, *h*. Upon the top of the bars H is a slat-work I, and secured between said bars, on each side of the bar *h*, is a hinged and slotted gate, K K. As the treadles are worked, the dasher passes back and forth through the cream, and with each movement the hinged gates open and close.

My invention is easily operated, and will cause butter to be made in a short space of time.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the bed-frame A, standard B, levers G G, rods or cords *a a*, rocking beam C, shaft D, and its dasher, and churn-box E, all constructed substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of June, A. D. 1876.

LAWRENCE BLUST.

Witnesses:

WM. W. TULEY,

SETH W. TULEY.